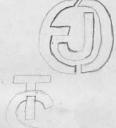
H5109-5134. D5779-5784. Dridge 57.79-a

H 5/109 H 5/134 D 5/79 784



3×3×12 = 9 A = 18ft 6×6×12 = 36 4×4×12 = 16

Hydrog No. 5/09 Date, open 30, 19/2 Sag. Mch. Reel Story 14 Ibs. Turns Cor'n Death 2
Sag. Mch. Reel Reel Lead 11/ Ubs.
Turns Cor'n Depth O fms.  Sdg. Cup Amt. Bot'm Sample Character Rotter Ro
Sdg. Cup Amt. Bot'm Sample Character of Rotton
Character of Bottom
(Mah. 7. 3
Thermom. {\make \gamma \cdot \gamma\) \delta  \qu
Bottom Reading 6 56.8 R 56.6 Cor'd Town 56.56
57. 2 Time 12:00 M 59
Temp. Surf. 57. 5 Time /2/05 M Air 59
Density: Surf. fms.
Density: Surf. fms.  Wind: Direction S. S. P. Force 2 3  Baromet. 35:17 Amt. of 4 State of C.  Weather Sea C.
Baromet. 36:17 Amt. of 4 State of C
Weather Acc
0
31 R. Q. S
Direction and Force Surface 36 Revo. 30 Rec. Bottom 30 Revo. 30 Rec.
(Bottom 30 11 40 6 30 Clc.
Tide
General Locality
General Locality
Position
Chart used: No. Ed'n
Drift: Direction Mylocal Distance
Depth of Haul Inty
Drift: Direction Walloud Distance  Depth of Haul Laty  Apparatus and Rigued H Laty 2 /2 /3 fords
10
Remarks: Ecotomos water bottle
Remarks: Chambo was bottle
***************************************
Deck Officer MM. Massey Recorder W. March

SOUNDIN	NG WIRE.	777 500	DREDGING CABL	
M. Down.	UP. A.M.	FMS.	M. Down.	Up. M
14900	115900	0		0,00
1100	110100			
		100		
		200		
		800	20	
		400		
		500		
		600		
		700 800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		
		2500		
		2600		
		2700		
		2800		
	1714 No. VIII	2900		
		8000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		8900		
		4000		
		4100		
		4200		
		4300		
		4400		
		4500		- 1
		4600		
		4700		
		4800		

Dredge Hydrog No. 5115	_ Date,	Tpl	30	, 19/2
Sag. Mch. Luca	Reel	L	Shot Leads -	14 lbs.
Turns Cor'n		Depth		8 fms.
Sdg. Cup	Amt.	Bot'm ample		
Character of Bottom				
Thermom. Make No. L: 1019;	3. R1.23°	$or'n \begin{cases} Instr \\ Stem \end{cases}$		
Bottom Reading L. 57	1856	. 9 Cor'd	Temp. 3	-6.81
Temp. Surf. \ 56.73	Time /7	83/p)	Air	
Density: Surf.		******	fms.	
Wind: Direction S	W	Force	2	
Baromet 30:16	Amt. of Clouds	6,	State of Sea	5
Weather Le				
$\begin{array}{c} \textit{Direction and Force} \\ \textit{of Current.} \end{array} \begin{cases} \textit{Surfa} \\ \textit{Botton} \end{cases}$	ce 24	reve.	\$ 30	Coa
of Current. Botton	n		A	
Tide				
ales de la constante de la con				
General Locality				
Position				
Chart used: No.	Ed	'n		
Drift: Direction		Di	stance	
Depth of Haul Int	e		and the same	
Depth of Haul Int	4. 12	er &	2 1	500
				1.
	Tin	ne towing .		12-
Remarks:	Tin	ne towing		. 12
Remarks:	Tin	ne towing		
Remarks:	Tin	ne towing		. 12-11.
Remarks:	Tin	ne towing		. 12
Remarks:	Tin	ne towing		
Remarks:	Tin	ne towing		. / > m.
Remarks:	Tin	ne towing		/ >
Remarks:  Deck Officer Mr. The	G			

SOUNDING WIRE,	777.50			DREDGING CABLE		
M. DOWN. UP. M.	FMS.					
2 4200 12 5400	0	12	4/2			
100110100	100	18	11	-	1	44
	200					
	300					
	400					
	500					
	600					
	700	- de-				
	800					
	900					
	1100					
	1200					
	1300					
	1400					
	1500				-	
	1600					
	1700					
	1800					
	1900					
	2000					
	2100					
	2200					-
	2300					
	2400				-	-
	2500					
	2600					
	2700					-
	2800					
	2900					
	8000					-
	3100					
	3200					
	3300					
	3400					
	3500	-			-	
	3600					
	3700				-	
	3800	-				
	3900					
	4000					
	4100					
	4200					
	4800					
	4400					
	4500		-			
	4600					
	4700					
	4800					

Dredge No. 5111 Date, apr 30 ,19/2
Sag. Mch. Lucas Reel L. Shots 14 Us.
Turns Cor'n Depth fms.  Sag. Cup Amt. Bot'm Sample Character of
Sdg. Cup Amt. Bot'm Sample
Bottom'
(Walle 7/3)
Thermom. {Make 713 Cor'n {Instr
Bottom Reading L. 5) / T. 57 / Cor'd Temp. 56.96
Temp. Surf. { 7.9 Time / 17 \$ 4ir { 57.63
Density Surf
Wind: Direction SW Force
Wind: Direction SW Force E Baromet. 30.16 Amt. of 6 State of S
Weather be
Direction and Force Surface 19 Toy & 30 to 19 Bottom
Bottom
Tide
General Locality
**************************************
Position
Chart used: No. Ed'n
Drift: Direction Distance
Depth of Haul Inter:
Apparatus and Rigused 4' Inly x 2 Koful
Time towing h. 14 m.
Remarks:
***************************************
Deck Officer Mr. Garly Recorder And 11-4023

SOUNDING WIRE.		DREDGIN	G CABLE.
M. Down. UP. CM.	FMS.	M. Down, Up.	
		/106 -	
10710/17/0	0	106 -	1 18 0
	100		
	200		
	300		
	400		
	500	10.	
	600		
	700		
	800		
	900		
	1000		
	1100		
	1200		
	1300		
	1400		
	1500		
	1600		
	1700		
	1800		
	1900		
	2000		
	2100		
	2200		
	2300		
	2400		
	2500		
	2600		
	2700		
	2800		
	2900		
	3000		
	8100		
	3200		
	3300		
	3400		
	3500		
	3600		
	3700		
	3800		
	3900		
	4000		
	4100		
	4200		
	4300		
	4400		
	4500		
	4600		
	4700		
	4800		
	4900		

Hydrog No. 5-112 Date, 14 , 1912
Sag. Mch. Lucas Reel Levis . Shot 1/2 Tbs.,
Turns Depth 12 fms.
Sd2. Cup Amt. Bot'm Sample
Character of Bottom -
Thermom. \\ \( \begin{align*} \langle Make & \tau' & 10/9 & Cor'n \\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
Bottom Reading Cor'd Temp. 54.71
Temp. Surf. {  Time 9 3 2  Air {  54.73
Density: Surf. fms.
Wind: Direction ( Proce 3-4
Baromet. 32.22 Amt. of State of Sea
4
Weather biz
<i>V</i>
Direction and Porce Surface 64 Str. to 30 Acc
(Rottom
riae Lload
manuscript of the second secon
General Locality
Position
Chart used: No. Ed'n
Drift: Direction anchosed Distance
Depth of Haul Intel.
Apparatus and Rigused 4 4 - 1 - 1 - 1 - 1 - 1 - 1
# 81. 1. 1. 1. 1. 1. 1
***
Time towing h. 12 m.
Remarks: Colonia wanter

Deck Officer 12.

Record

11-1023

SOUNDING WIRE.	223501	DREDGING CABLE.		
QM. Down. Up. QM.	FMS.	QM. DOWN. UP. 9. N		
9 38 10 9 4 30	0	93700 9 10		
	100	1 1		
	200			
	3()()			
	-100			
	500			
,	600			
	700			
	800			
	900			
1	1000			
	1100			
	1200			
	1300			
	1400	:		
	1500	;		
	1600 1700			
	1800			
	1900			
	5000			
	2100			
	2200			
7 1	2300			
	2400			
	2500			
	2600			
;	2700			
:	2800			
	2900			
	3000			
	3100			
	3500			
	3300			
	31(8)			
	2500			
	3600			
	3700			
	3800			
	4000 -1100			
	4200			
	4300			
	-1100			
	4500			
	4600			
	4700			
	4800			
	4900			

Produce No. 3-113 . Date, Chine 1 , 1912
Sale, Meh. Shot . Y lbs.
Turns Cor'n Depth _/.0fms.
Sdg, CupSample
Character of Bottom
Thermom. \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
Bottom Reading Cor'd Temp. 54.86
Temp. Surf. \
Density: Surf
Wind: Direction Chart Force 4
Baromet. 3 Amt. of 8 State of Clouds 8 Sea
Weather Ling
Direction and Force Surface 2 of Gurrent.  Bottom
Tide
The state of the s
General Locality
Position
Chart used: No. Ed'n
Drift: Direction Cluc. Distance
Depth of Haut Ontes.
Apparatus and Rig used
w
Time towing h. 14 m.
temarks:

Deck Officer Communication Recorder 11-1023

Bredge Wo. 1/1/	Date, ,	4.1	, 19 -
Sd.g. Mch	Reel Trains	. ${\it Shot} \atop \it Lead \}$	: 1bs
Turns Cor'n		pth 8	fms
Sd.g. Cup	Amt. Bot'm Sample		
Character of Bottom			
1.No. N 1.05 10.	9 Cor'n Ste		
Bottom Reading	Cor	'd Temp	55,56
Temp. Surf. \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	ne 10:43	] Air	560
Density: Surf.		fms.	
Wind: Direction	Porce	4	
Baromet. 30. 34 . Amt.	of .	State of _	
Weather			
47 47-1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1			
. (Surface	53 rec.	to 30 2	20
Direction and Force Surface of Gurrent. Bottom	Market and the street the street was an incidence of the street of the s		
riae Llord:			
General Locality			
Position			
Chart used: No	Ed'n		
Drift: Direction Association	red D	istance	
Depth of Haul Inter-			
Apparatus and Rig used 4 10	* , , .*		
remarks: Eckensone ru	Time towing coatera Late		11/12 m.

Hydrog No. C 1/27 Date, . 200 ,191
Silly Meh. : 11. 2 Red Turand Shot / 10s
Turns Cor'n Depth fms
Sd.g. Cup Amt. Bot'm Sample
Character of Bollom
Thermon. { Make Cor'n { Instr. Stem.
Bottom Reading Cord Temp. 35-7
Temp. Surf.   Time // Air   Air
Density: Surf. fms.
Wind: Direction Clest: Force 4-5-
Baromet. 35, 15 Clouds 6 State of Sea
Weather <
Direction and Force Surface 36 New to 30 sec.
Tide
General Locality
Position
Chart used: No Ed'n
Drift: Direction Quehoud Distance
Depth of Haul Inter,
Apparatus and Rigused 4 Dater 2 Keting
to be a second
Time towing h. 1/12 m.
Remarks:

Deck Officer 1/ ..

Recorder (1)

Dred Se No. Will Date, C. 1. 19/
Sdg. Mch. Lucas Reel Live : Shot / 11 lb
Turns . Cor'n Depth 7 fms
Sdg, CupAmt. Bot'm Sample
Character of Bottom
Therman. Make NZ. Histr. Stem.
Bottom Reading . 47 2 . Cor'd Temp. White
Temp. Surf. Time //
Density: Surf. fms.
Wind: Direction Olisate Force 4-5-
Baromet Amt. of Statr of Sea
Weather
Direction and Force Surface 18 2000 to 30
Tido .
Man
General Locality
Position
Chart used: No Ed'n
Drift: Direction Quacherilal Distance
Depth of Haut Interi
Ipparatus and Rig used 4
Time towing
remarks: Cakeman water totale

Drettee Hydrog No Date,
Sale, Meh. Jucas Reel J. Shot / 4 lbs.
Turns Cor'n Depth fms.
Sag. Cup Amt. Bot'm Sample
Character of Bottom
(Make A A (Instr.
Thermom. No. 101 - (111 - Cor'n Stem.
Bottom Reading Cord Temp. 5771.
Temp. Surf. Sing Time Sir
Density: Surf fms
( u - v )
Amt of 11 State of 16
Baromet. Sea . Sea . Sea
Weather . ft :
· · · · · · · · · · · · · · · · · · ·
Direction and Porce Surface 14-13
Tide
payments and the same state of a same state of
General Locality
D. 27.
Position
Chart used: No. Ed'n
Drift: Direction Alica C. Distance
Depth of Haul
Apparatus and Rig used - 4 )
`
Time towing
Remarks: I spelle A A

Deck Officer 17. (1)

SOUNDING WIRE.	. 1	DREDGIN	BLE.
M. Dowx, Up. M. FM	S	M. Down.	
	()		
	00		
	.00		
	00		
	()()		
5	00		
;	00		
	()()		
8	00		
	00		
	00		
. 110			
19			4
[ 18			
. 1-10		:	
150			1
160 170			1
180			
190			
200			
210	,		
220			
290			
240			
. 250	0		
260	0		
, 270	0		
280			
290			
300			
310			
320			
330			
310 850			
360			
3700			
3800			
3900			
-1000			
-1100			
4200			
4200			
4400	)		
4500	)		
4600			
4700			
4800	: 1		

· ·
Hydrog No. V-118 Date, May 1, 1912
Sd.g. Meh. Reel Shot Lead Ibs.
Turns Cor'n Depth 4 5 fms.
Sdg. Cup Amt. Bot'm Sample
Character of Bottom
Thermon. \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
Bottom Reading & The Cor'd Temp. of The
Temp. Surf.   Time   Air
Density: Surf. fms.
Wind: Direction . Force
Baromet, 30,23 Amt. of State of Sea Sea
Weather - 2 2
Direction and Force Surface / J. J
Tide Lord
General Locality
Position
Chart used: No. Ed'n
Drift: Direction Distance
Depth of Haul Satter
Apparatus and Rigused
***************************************
Time towing h./b ~ m.
Remarks: LAHA

Deck Officer Recorder

Dredge No. 5/19 Date, 7 1 gray , 19/7
Sals, Meh. All Reel of Britis Wis
Turns Cor'n Depth of fms
Sd.c. Cup Amt. Bol'm Sample Character of Bottom
Thermon. \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
Bottom Reading 57.2 8777 Cor'd Temp. 57.2
Temp. Surf. \{ 5.7.33 Time 1/10 \( \) Air \\ 57.33 \( \)
Density: Surf. $$
Wind: Direction W. Porce
Buromet. 30.23 Amt. of State of C
Weather
Direction and Force Surface 10 RP 30 Sec.  Bottom
General Locality
Position
Chart used: No Ed'n
Drift: Direction Contact Distance
Donth of Have Inter
Apparatus and lie used ( )
Remarks: 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
(

Deck Officer Man Recorder Recorder

11-1023 SOUNDING WIRE. DREDGING CABLE. FMS. M. Down, Up. L. M. M. Down. Up. LM.

		,	
Hydrog. No. 120 Date, .	Tan	6	, 19/2
Sag. Meh. Inch. Reel	L.	Elvot	L 1bs.
Turns Cor'n	Depth	97	f fms.
Sag. Cup Am	t. Bot'm Sample		
Character of Bottom			
Thermon. \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Pro>3(Instr. Cor'n Stem.		
Bottom Reading	Cor'd		<i>5.1</i> 1
Temp. Surf. Time	1.19.2	dir	
Density: Surf.		fms.	
Wind: Direction SW		2 13 .	
Baromet. 27.18 Amt. of Clouds	/ 8	State of S	
Weather 7			
Direction and Force Surface //- / of Current. Bottom	y - 200.	. 🕹 💸	- (
Tide			
General Locality			
Chart used: No. E	'd'n		
Drift: Direction	Dis	lance	
Depth of Haul Inte.			
Apparatus and Rig used	5_ 1. 2	- 1	
apparatus una tag usea			
_			70
	me towing	h.	· · · m.
Remarks:			
Deck Officer Mr. Stanley	Revorder	(EL-1).	5,7_
Deck Officer	Kerorder.		1-1023

11-1023		DUIDOUDIO CUDI D			
SOUNDING WIRE.	FMS.	DREDGING CABLI			
M. Down, Up. M.		M. Dowx.	UP. A. M.		
11 09 00:11 19 00	0	10 54 -	1 5		
171 : 171 1	100				
	200		1		
	3()()				
	400				
	500				
	600 700				
	800				
i	900				
	1000				
	1100				
!	1200				
	1800				
	1.400				
	1500				
	1600	1			
	1700				
	1800				
	1900				
	2000				
	2100				
	2200				
	2300				
	2100				
	5200				
	2600				
	2700				
	2800				
	5000				
	3000				
	3100				
	3200				
	3300				
	3100 3500				
	3600				
	3700				
	3800				
	3900				
	-1000				
1.	1100				
	1200				
	4300				
1	4100				
	4500				
01	4600				
	4700				
	4800				
	4900				

Hydrog No. 5/2/ Date,	1.
Salg. Meh. 2 / Reel / Shirty 100 H.	15.
Turns Cor'n Depth ?; fm	S.
Sdg, CupAmt. Bot'm Sample	
Character of Bottom	
Thermon. \ \ \ No. Z: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
Bottom Reading Cor'd Temp. 5461	70.00
Temp. Surf. Time 11. V a dir	
Density: Surf fms.	
Wind: Direction SW Force 4-5	
Baromet, 26. 28 Amt. of State of Sea	
Weather ?c	
Direction and Porce Surface	
General Locality	
-	
Position	
Chart used: No. Ed'n	
Drift: Direction Distance	
Depth of Haul	
Apparatus and Rigused 2 25	
Time towing h. m.	
Remarks;	
· · · · · · · · · · · · · · · · · · ·	

Recorder (

11-4023

Deck Officer

11—1023		L PROPERTY CARE			
SOUNDING WIRE.	FMS.	DREDGING CABLE.			
A.M. Down. Up. A.M.		am. Down.	UP. J.M.		
11 38 05.11 4810	0	11:57 =5	11 ,55		
	100				
	200				
1 1	300				
	-1()()				
	500				
- 1	600				
	700				
	800				
	900				
	1000	i			
1 1 1 1	1100				
	1200				
	1300				
	1400				
1- 1-1	1500				
	1600				
	1700				
	1800				
	1900				
	2000				
	2100				
	2200				
	2800		1		
	2100				
	2500 2600				
1 1 1	2700				
	2800				
	2900				
	3000				
	3100				
	3200				
1 1 1	3300				
	3100				
1 1	3500				
	3600				
	3700				
	2800				
	2900				
	-1000				
	-1100				
	4200				
	4300				
	4100				
	4500		1		
	4600				
1 1 1 3 1	4700				
1	4800				
	1000				

Hydrog SNO 5/22 Date. Mong to ,19.
Salg. Meh. Reel - Leady 14 lbs
1.
Turns Cor'n Depth 15"14 fms Salf. Cup Ant. Bot'm Sample
Character of Bottom
Thermom. \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
Bottom Reading 5-4. 3 R. 5-4. 3 Cord Temp. 4.1.
Temp. Surf. {
Density: Surf. fms.
Wind: Direction - Porce 4
Baromet. 39.75 Amt. of State of Sea
Weather -
the state of the s
Direction and Force Surface & to 11 1 to 30 -10
Title
Manufacture and a special to the support of the sup
General Locality
· · · u
Position
Chart used: No. Ed'n
Drift: Direction Ancholist Distance
Depth of Haul Inthe.
Apparatus and this used & see that Siche 2 Kond
Immuratus and Rigused & Act Chart Strong & Reads
Hemarks: Contract 1
Remarks: Compression strains to destin

SOUNDING WIRE		DREDGING CABLE.			
P M. Down UP. PM.	FMS.	M. Down. Up. C. M.			
/ 4	0				
12 29 00 12 41 3	100	12 3200 12 43 00			
	200				
	300				
	400				
	500				
	600				
	700				
	800				
	900				
	1000				
	1100				
	1200				
	1300				
-	1400				
	1500				
	1600				
	1700				
	1800				
	1900	1			
	2000				
	2100				
	2200				
	2300				
	5400				
	2500				
	2600				
	2700				
	2800				
	2900				
	::000				
	3100				
	3500				
	3300 3100				
	3500				
	3600				
	3700				
	3800				
	3900				
	4000				
	-11(H)				
	4200				
	4300				
	4100				
	4500				
	4600				
	4700				
	4800				
	4900				

Hydrog No. 5-12 3 Date, Mary 6 , 1912
Sale Meh. Reel Lucas Shot 14 1bs.
Turns Cor'n Depth . 9 fms.
Såg, Cup Amt. Bot'm Sample
Character of Bottom .
Thermon. {Make 71. 3. Cor'n {Instr
Bottom Reading L. 54.9 K. 54. " Cor'd Temp. 5471
Temp. Surf. Surf. Time 1:12   Air Surf. Su
Density: Dary
Wind: Direction & OV. Force 4
Baromel, 2/.75 Amt. of State of Sea
Weather Le
Direction and Force Surface 2.4.3 Acres, to 3. Second Bottom
Tide
management of the state of the
General Locality
Position
A 1
Depth of Haut Suttr:
Apparatus and Rigused 4 2 20
. / Nathable i
Time towing h. 14 12m
Remarks: Ecteriais water with

SOUNDING WIRE.	12350	DREDGING CABLE.		
M. Down. Up. 2 M.	FMS.	M. Down. Up. 7		
25-900 11000	0	125900 1.13		
10/100/100	100	12/00/100/		
	200			
	300			
	400			
	500	l i		
	600			
1	700			
	800			
	900			
	1000			
	1100			
	1200			
	1300			
;	1.100			
	1500			
	1600			
	1700			
	1800			
	1900			
1	5000			
	2100			
	2200			
	2300			
	2400			
t .	2500			
	2600			
	2700			
1	2800			
	2900			
	3000 3100			
	3200			
1	3300			
	3400			
	3500			
	3600	1 1		
	3700	1		
	3800			
	3900			
	-1000			
	-1100	1		
	4200			
	4300			
	4.100			
	4500			
	4600	1		
	4700			
	4800			
	4900			

Hydrog No. 11 Date, Cray 6 ,19/2
Salg. Meh. 1000 Reel Tierre Shot 14 Ils.
Turns Depth 12 fms.
Sdg. Cup Amt. Bot'm Sample
Character of Bottom
Thermom. \\ No. \( \text{10.19} \) \( \text{10.23} \) Cor'n \\ \{ \text{Stem.}} \]
Bottom Reading 7 35 4 . 55.5 Cor'd Temp. 55.7
Rottom Reading SS, 6 / SS, 5 Cor'd Temp.  Temp. Surf.  Time //38  Time //38  Air  Time //38  Wind: Direction S. C. Rorce / County State of Searce /
Density: Surf fms
Wind: Direction 2
Baromet. 374 data of State of Sea
Weather July
Direction and Horce Surface 28 + 30 Ser to 30 Sec.
Tidr
General Locality
Position
Chart used: No
Drift: Direction Oliver Level of Distance
Depth of Haul Switer
Apparatus and Midwed 4' Derting 2 horis
Time towing h. 10 m. Remarks: Estimates account

Drek Officer 1 1 Secrety Recorder 200 11-100

Hydrog No. 15/ 15 Date, (Livery , 19/2
Salg. Meh. Tree was Red Jucas Tout 14 Ms.
Turns Cor'n Depth 5 1/2 fms.
Sag. Cup Amt. Bot'm Sample
Character of Bottom
Thermom. No. Lilarge 1023 Stem.  Rottom Reading Cord Temp. 55.61
Bottom Reading Cor'd Temp. 55.61
Temp. Surf. 5-4.3° Time 2.01   .4ir
Density: Surf fms
Wind: Direction S. Ot. Force 4-6
Baromet. 29.74 Amt. of State of Sea
Weather be:
Direction and Force Surface 32-34 sev. to 30 seco.  Buttam
Tide
General Locality
Position
Chart used: No Ed'n
the second of the second
Depth of Haut In the
Ammerities and Rice used of Line, it is its
and amount.
Timetowing h. 10 m.
Hemarks: Ge eman a voi is will

Deck Officer VIA St. 1 . Recorder C. C. 11-1023

11-1023					
SOUNDING WIRE.	FMS.	DREDGING CABLE.			
Z'M. Down.  -UP. ZM.	E MO.	ZM. Dows. Up. ZM.			
15-100 201.10	. 0	1.5-130 20130			
	100 200	. 1 1			
	300				
	400				
	500				
	600				
	700				
	800	1 1			
	900				
	1000				
	1100				
	1200				
	1800				
	1-100				
	1500				
	1600 1700	1			
;	1800				
	1900				
	2000				
	2100				
	2200				
	2300				
	2400	f l			
	2500				
	5600				
	2700				
	2800				
	2900				
	3000				
	3100				
	3200				
	3100				
	3500				
	3600				
	3700				
	3800				
	3900				
	4000	1			
	4100				
	4200				
	4800				
	4100				
	4500				
	4600				
	4700				
	4800				
and the second second	4131(3()				

Breaker S. No. S. Z. & L. Date, May 6 , 1912	
Sag. Meh. Lucas Rectificar that 14 1bs.	
Turns Depth fms.	
Sd.g. Cup Amt. Bot'm Sample	
Character of Bottom	
Thermon. {Nake (1. 2. Cor'n Stem. Stem.	
Potton Parding It 5:1-9 R. LS. F. Gord Town 55.11	
Temp. Surf.  Time 246  Air  Time 256	
Density: Surf. fms.	
Wind: Direction - Cl. Force 5-6	
Baromet. 29.72 Ant. of State of Sea	
Weather Le	
Direction and Porce Surface 31-34-36 ser. to 30 sec.	
Tide	
General Locality	
General Deciving	
Position	
Chart used: No. Rd'n.	
Drift: Direction Cinc. Land Distance	
Depth of Haut Inter	
Apparatus and Rigused 4' Portion in Kerich, I sind	u
. Time towing h. m.	
Remarks: Et : ween water de"	

Deck Officer 1. A St. a sylvecorder Comment

SOUNDING WIRE.	2224/1	DREDGING CABLE.			
P. M. DOWN, UP. P. M.	FMS.	PM. DOWN. UP	> M		
2 15-00 2 25 20	0	210-20 2	2600		
	100				
	200	1			
	300	1 1			
	100				
	500				
	600				
	700	: :			
	800				
	900				
	1000				
	1100				
	1200		,		
	1300	,			
	1.100				
	1500				
	1600	1			
	1700				
	1800				
	1900				
	2000				
	2100				
	2200				
	2800				
	2400 2500				
	2600 2700				
	2800				
1	2900				
	3000				
	3100				
	3200				
	3300				
	3100				
	3500				
	3600	1			
	3700				
	3800				
	3900				
	1000				
	4100	1			
	4200		1		
	4300		,		
	4400				
	4500				
	4600				
	4700				
	4800				
	-1900				

Dredge No. 1197 Date, Clare 1912
Sdd. Meh
Turns Cor'n Depth
Sdg. Cup Amt. Bot'm Sample
Character of Bottom
Thermon. {Nake Make Cor'n Stem.
Rottom Reading & 56 4. 5.9 Cor'd Temp. 356.
Temp. Surf. 57.73 Time 2.15.55  Paneity Surf. 57.73
Density: Surf fms
Wind: Direction Z. C. Force S. 6.
Baromet. 29.72 Amt. of State of Sea.
Weather be
Direction and Force Surface 25 - 25 % 30 Acc.
Tide
Carlos I Facility
General Locality
Position
Chart used: No. Kd'n
Drift: Direction Concentration Distance
Depth of Haut Inter
Apparatus and Rigused 4 Divers, 2 helis, 1 xing
Time towing h. 14 m.
Remarks: Ec in an world - ithe

Dredge No. 5 779 A Date, my Cth ,191
Sag. Meh. 1 on d (M) Reel Stoot 1 Us.
Turns Cor'n Depth , 3 . fms
Sdg. Cup Amt. Bot'm Sample
Character of Bottom.
Thermom. $ \begin{cases} Make & & \\ Cor'n \end{cases} \begin{cases} Instr. & \\ S_{lem} & \end{cases} $
Bottom Reading Cor'd Temp.
Temp. Surf. {
Density: Surf. fms.
Wind: Direction Force 0 - (
Baromet. Amt. of   b State of C
Weather
Surface
Direction and Force Surface of Current.  Bottom
Tide
General Locality
Position
Chart used: No
Drift: Direction Distance
Depth of Haul Button
Amparatus and Ris used had beg to wed
from alon of author by from.
Remarks: To America (18 ) for al.
_

Deak-Officer Transfirst Recorder Fl W. Ord V

11-1023							
SOUNDING WIRE.	DREDGING CABLE.						
M. Down. Up. M.	FMS.	M. Down.	Up. M				
	0	1/36-30	9 56 3	3			
	100		, 000				
	200						
. ,	300						
1 1 dec. + 8	(= A 400						
3 fm.:	500						
3 fm.	600						
V	700						
	800						
	900	1					
	1000						
	1100						
	1200 1300						
	1400						
	1500						
	1600	:					
	1700	1					
	1800						
	1900						
	2000						
	2100						
	2200						
	2300		,				
	2100		'				
	2500	;					
	2600 2700						
	2800						
	2900						
	3000						
	3100						
	3200						
	3300						
	3100						
	3500						
	2600						
	3700						
	3800						
	3900 4000						
	4100						
	4200						
	4300						
3	4 100						
	4500						
	4600						
	47(0)						
	4800						
. ! !	. 4900	l I					

and the same of the same with
Hydrog No. 5 14 5 Date, 19/
Sdg. Mch. Son Seel Short Leads 1bs.
Dredge No. 5 7 7 9 8 Date, W. G. 19/2 Stephnes No. 5 7 7 9 8 Date, W. G. 19/2 Stephnes No. 5 7 7 9 8 Date, W. G. 19/2 Stephnes No. 5 7 7 9 8 Date, W. G. 19/2 Stephnes No. 5 7 7 9 8 Date, W. G. 19/2 Stephnes No. 5 7 7 9 8 Date, W. G. 19/2 Stephnes No. 5 7 7 9 8 Date, W. G. 19/2 Stephnes No. 5 7 7 9 8 Date, W. G. 19/2 Stephnes No. 5 7 7 9 8 Date, W. G. 19/2 Stephnes No. 5 7 7 9 8 Date, W. G. 19/2 Stephnes No. 5 7 7 9 8 Date, W. G. 19/2 Stephnes No. 5 7 7 9 8 Date, W. G. 19/2 Stephnes No. 5 7 7 9 8 Date, W. G. 19/2 Stephnes No. 5 7 7 9 8 Date, W. G. 19/2 Stephnes No. 5 7 7 9 8 Date, W. G. 19/2 Stephnes No. 5 7 7 9 8 Date, W. G. 19/2 Stephnes No. 5 7 7 9 8 Date, W. G. 19/2 Stephnes No. 5 7 7 9 8 Date, W. G. 19/2 Stephnes No. 5 7 9 8 Date, W. G. 19/2 Stephnes No. 5 7 9 8 Date, W. G. 19/2 Stephnes No. 5 7 9 8 Date, W. G. 19/2 Stephnes No. 5 7 9 8 Date, W. G. 19/2 Stephnes No. 5 7 9 8 Date, W. G. 19/2 Stephnes No. 5 7 9 8 Date, W. G. 19/2 Stephnes No. 5 7 9 8 Date, W. G. 19/2 Stephnes No. 5 7 9 8 Date, W. G. 19/2 Stephnes No. 5 7 9 8 Date, W. G. 19/2 Stephnes No. 5 7 9 8 Date, W. G. 19/2 Stephnes No. 5 7 9 9 8 Date, W. G. 19/2 Stephnes No. 5 7 9 9 8 Date, W. G. 19/2 Stephnes No. 5 7 9 9 8 Date, W. G. 19/2 Stephnes No. 5 7 9 9 8 Date, W. G. 19/2 Stephnes No. 5 7 9 9 8 Date, W. G. 19/2 Stephnes No. 5 7 9 9 9 Date, W. G. 19/2 Stephnes No. 5 7 9 9 9 Date, W. G. 19/2 Stephnes No. 5 7 9 9 9 Date, W. G. 19/2 Stephnes No. 5 7 9 9 9 Date, W. G. 19/2 Stephnes No. 5 7 9 9 9 Date, W. G. 19/2 Stephnes No. 5 7 9 9 9 Date, W. G. 19/2 Stephnes No. 5 7 9 9 9 Date, W. G. 19/2 Stephnes No. 5 7 9 9 9 Date, W. G. 19/2 Stephnes No. 5 7 9 9 9 Date, W. G. 19/2 Stephnes No. 5 7 9 9 9 Date, W. G. 19/2 Stephnes No. 5 7 9 9 9 Date, W. G. 19/2 Stephnes No. 5 7 9 9 Date, W. G. 19/2 Stephnes No. 5 7 9 9 Date, W. G. 19/2 Stephnes No. 5 7 9 9 Date, W. G. 19/2 Stephnes No. 5 7 9 9 Date, W. G. 19/2 Stephnes No. 5 7 9 9 Date, W. G. 19/2 Stephnes No. 5 7 9 9 Date, W. G. 19/2 Stephnes No. 5 7 9 9 Date, W. G. 19/2 Stephnes No. 5 7 9 Date, W. G. 19/2 Stephn
Sag. Cup Amt. Bot'm Sample
Character of Bottom .
Thermom. $ \begin{cases} Makr & & & & \\ & & & \\ No. & & & \\ \end{cases}                             $
Bottom Reading Cor'd Temp.
,
Temp. Surf. Time Air
Density: Surf fms.
Wind: Direction Force
Wind: Direction Force 6 = 1  Amt. of 1 0 State of S  Raromet. Clouds 9 Sea
Weather
\Surface
Direction and Force Surface of Current.
Tide
I(Wo
General Locality
Position
Chart used: No. Ed'n
Drift: Direction . Distance
Depth of Haul Cost on
apparatus and Rioused & Jones - Source &
I am of water by longe
me the boat.
Remarks: Lowed long boat
Hemarks:
and the second s
4 / 40 (0)
mekomer mi Port full Recorder 1' Un Pinter
an about it forth
( )

SOUNDING WHRE. M. DOWN, UP. M.    O	11-1023							
M. Down. Ur. M.   M. Down. Ur. M.	SOUNDING WIRE	d	2224/1	DREDGING CAT		ABLI	Š	
100 200 300 300 300 300 300 300 300 300 3	M. Down, Up. M.		FMS.	M. Dows, Up. M.				м.
100 200 300 300 300 300 300 300 300 300 1000 1100 1100 1100 1100 1100 1100 1100 1100 1100 1100 1100 1100 1100 1100 1200 1200 1200 2200 2300 2400 2100 2200 2300 2400 2700 2800 2700 2800 2900 3000 3100 3000 3100 3300 3400 3300 3400 3300 3400 3300 3400 3300 3400 3300 3400 3300 3400 3500 3600 3700 38800 3900 4000 4100 4200 4400 4200 44100 4200 44100 4500 4500			0					
200 300 300 300 300 300 300 300 300 300				, 0	00.	0/0	2 /	3 0
## 400    1000								
400 500 600 700 800 800 900 1000 1100 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000 2100 2200 2300 2400 2500 2700 2800 2700 2800 2700 3000 3100 3000 3100 3200 3300 3300 33							İ	
800 900 1000 1100 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000 2100 2200 2300 2400 2500 2500 2700 2800 2700 2800 2700 2800 2900 3000 3100 3100 3100 3500 3800 3800 3800 3800 3800 3800 38	1/11	126					-	
800 900 1000 1100 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000 2100 2200 2300 2400 2500 2500 2700 2800 2700 2800 2700 2800 2900 3000 3100 3100 3100 3500 3800 3800 3800 3800 3800 3800 38	11/1001103							
800 900 1000 1100 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000 2100 2200 2300 2400 2500 2500 2700 2800 2700 2800 2700 2800 2900 3000 3100 3100 3100 3500 3800 3800 3800 3800 3800 3800 38	2/ 0.							
800 900 1000 1100 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000 2100 2200 2300 2400 2500 2500 2700 2800 2700 2800 2700 2800 2900 3000 3100 3100 3100 3500 3800 3800 3800 3800 3800 3800 38	John							
900   1000   1100   1100   1200   1300   1400   1500   1600   1700   1800   1900   2210   2200   2300   2400   2500   2	U							
1000								
1100 1200 1300 1400 1400 1500 1600 1700 1800 1900 2000 2100 2200 2300 2400 2500 2600 2700 2800 2900 3000 3100 3000 3100 3300 3400 3500 3800 3800 3800 3800 3800 3800 38								
1300   1400   1500   1600   1600   1700   1800   1900   2900   2100   2200   2300   2400   2500   2600   2700   2800   2900   2700   2800   2900   2000		'	1100					
1400   1500   1600   1700   1800   1900   2900   2100   2200   2300   2400   2700   2700   2800   2700   2800   2000   3100   3100   3100   3100   3300   3400   3500   3600   3700   3800	1		1200	1				
1500 1600 1700 1800 1800 2000 2400 2400 2500 2500 2500 2500 25		'	1300					
1600   1700   1800   1900   2000   2100   2200   2300   2400   2500   2500   2600   2700   2800   2700   2800   2900   3000   3100   3100   3300   3300   3300   3300   3300   3300   3300   3300   3300   3300   3400   3500   3800   3900   4000   4100   4200   4300   4100   4500		1	1400	1				
1700 1800 1900 2000 2100 2200 2300 2400 2500 2500 2500 2000 2700 2800 2900 3000 3100 3000 3100 3300 3300 3300 3			1500					
1800   1900   2000   2100   2200   2300   2400     2500     2500     2600     2700   2800   2900     3000     3100     3100     3300   3400   3300   3400   3500   3600		.	1600					
1900 2000 2100 2200 2300 2300 2400 2500 2600 2700 2800 2900 3000 3000 3100 3000 3100 3300 3300 3			1700					
2000 2100 2200 2300 2400 2500 2400 2500 2700 2800 2700 2800 2000 3000 3100 3100 3300 3400 3500 3600 3700 3800 3800 3800 4000 4100 4200 4300 4100 4500 4100 4500 4600 4700 4800		.	1800					
2100 2200 2300 2400 2400 2500 2500 2500 2500 2500 25			1900					
2200 2300 2400 2500 2500 2500 2500 2500 2500 25								
2300 2400 2500 2500 2000 2700 2700 2800 2900 3000 3100 3100 3500 3600 3700 3800 3900 4000 4100 4200 4300 4100 4500 4600 4700 4800			2100					
2400								
2500   2600   2700   2700   2800   2900   3000   3100   3100   3300   3400   3300   3400   3500   3700   3800   3700   3800   4000   4100   4200   4300   4100   4500   4500   4600   4700   4800   -								1
2000   2700   2800   2900   3000   3100   3800					.			
2700 2800 2900 3000 3100 3100 3800 3800 3600 3700 3800 3800 4000 4100 4200 4300 4100 4500 4100 4500 4600 4700 4800		ļ.,		1 1				
2800 2900 3000 3100 3100 3200 3800 3400 3500 3600 3700 3800 3800 4000 4100 4200 4400 4400 4500 4500 4600 4700 4800				1.				
2000 3000 3100 3100 3800 3400 3500 3500 3600 3700 3800 3900 4000 4100 4200 4300 4100 4500 4600 4700 4800								
3000   3100   3200   3800   3800   3800   3800   3800   3800   3800   3800   3800   3800   3800   3900   4000   4100   4200   4300   4100   4500   4600   4600   4700   48								
8100 3200 3800 3400 3500 3600 3700 3800 3900 4000 4100 4200 4300 4100 4500 4600 4700 4800					-			
3800   3800   3800   3800   3800   3800   3800   3800   3800   3800   3800   3800   4000   4100   4200   4800   4100   4500   4600   4600   4700   48					-			
\$300 \$400 \$300 \$300 \$3700 \$3800 \$3900 \$4000 \$4100 \$4200 \$4300 \$4100 \$4500 \$4600 \$4700 \$4800	1, 1 1 1							
3400 3500 3600 3700 3800 3900 4000 4100 4200 4300 4100 4500 4600 4700 4800								
3500 3600 3700 3800 3900 4000 4100 4200 4800 4100 4500 4600 4700 4800								
3800 3700 3800 3900 4000 4100 4200 4300 4100 4500 4600 4700 4800	1 1 1							
3700   3800   3900   4000   4100   4200   4300   4100   45								
3800 3900							1	
3900   -   -   -   -   -   -   -   -   -				11.		1		
4100 4200 4300 4100 4500 4600 4700 4800			3900	1				
4200 4800					1			
4800			4100					
4100 4500 4600 4700 4800			4200					
4500 4600 4700 4800			4300	1		1 .		
4600 4700 4800	1		4400					
4700 4800			4500					
4800			4600					
			4700					
4900			4800			-		
			4900			1.		

on Color
Breaker No. 377 = Epute, 1100 0 , 19) V
Sag. Meh. Jung lend Reel Story 14 Ubs.
Turns Cor'n' Depth 2'4 fms.
Sd.g. Cup Amt. Bot'm Sample
Character of Bottom
(Make (Instr.
Thermom. $\begin{cases} Make & Cor'n \\ No. & Stem. \end{cases}$
Bottom Reading Cor'd Temp.
( Time
Temp. Surf
Density: Surf. fms.
Wind: Direction Force
Baromet, Amt. of State of Clouds Sea
Weather
rearrer
Direction and Force Surface
Tide .
General Locality
Position
Chart used: No Ed'n
Drift: Direction Distance
Depth of Haut & bottom
Apparatus and Rigused L' Samuel
! in it is a family the family
That I have her
Time towing h. m.
Remarks; Toufining former
lord of lever War back.
Brille aboy, carried away.
J.
Dealitition The St. for Beauty of 1 W. Chily
11-1023
in who way of hoods

.

11-1023					
SOUNDING WIRE. FMS.		DREDGING CABLE.			
M. Down. Up. M.	2 21101	M. Dows. Up M			
'	0	10553011303			
	100	iiiiii			
re giving.	200				
of the so	300				
2 4 # mo.	400				
, , ,	500				
2	600 700				
12.	800				
37	900				
	1000				
)	1100				
7	1200				
\$ 1	1800				
.,	1400				
	1500				
. 3	1600				
	1700				
16	1800				
	1900				
	2000				
, 3	2100 2200				
2	2800				
. 123	2400				
13,	2500	1			
- 1/4	2600				
(0 a	2700				
	,2800				
	5900				
	3000				
	3100				
41. 1 1 1 1	3200				
	3300				
	3400 3500				
	3600				
	3700				
	3800				
	3900	1.			
	4000				
	4100	1			
	4200				
	4800				
	4400				
	4500				
	4600				
	4700 4800				
	4000				

-67
Dredge No. 5780 F Date, May 5, 19/ Sag. Meh. Hander Reel Shall 14 1bs.
Sag. Meh. Handles Reel Short 14 Uhs.
Turns Cor'n Depth fms.
Sd.g. Cup Amt. Bot'm Sample
Character of Bottom
(Make (Instr.
Thermom. $\begin{cases} Makr & Cor'n \\ No. & Stem. \end{cases}$
Bottom Reading Cor'd Temp.
( Time
Temp. Surf
Density: Surffms,
Wind: Direction Force
Amt. of State of
Weather
$Direction \ and \ Force \left. \begin{cases} Surface & \\ \\ of \ Current. \\ \\ Dottom & \end{cases} \right.$
of Current. Bottom
Tide
General Locality
Position
Chart used: No Ed'n
Drift: Direction
Denth of Haul
Da 1: P 1 =
Apparatus and Rigused Michiga, From Color
, -,:-
Time towing h. 3 m.
Remarks: Journ for She 1 / 1. 13 m.
$\mathcal{S}_{i}$

Dutument or tracining

Recorder 1 / 1/1/1023

Bredge No. 5780	B Date, 7	ery	2 ,19/
Sag. Meh Style	. Reel	Shot V	19 1bs.
Turns Cor's		Depth	/fms.
Sdg. Cup	Amt. Bot'n Sampl	e	
Character of Boltom			\
Thermom.	. (	Instr.	
Thermom. No.	Cor'n {	Stem.	
Bottom Reading		Jor'd Temp.	
Temp. Surf.	Time	) (-	- we also have you do not not not any any time and any consideration
Temp. Surf.	Time	Air	
Density: Surf		fms	
Wind: Direction	For	****	
Baromet	Amt. of Clouds	State of	
Weather			
Direction and House (Surfa	ter		
$\begin{array}{c} \textit{Direction and Force} \\ \textit{of Gurrent.} \end{array} \\ \begin{array}{c} \textit{Surfe} \\ \textit{Botto} \end{array}$	m	**	
Tide			
General Locality			
activities additioned increasing	***************************************	*****	
Position			
Chart used: No	27.71		
Drift: Direction	Ed'n		
	11	Distance	
0 ,,,	Die Vien	0	7
Apparatus and Rig used -	10/	tions '	" Les
			7.3
	Time towin	province	$h$ . $\mathcal{J}$ . $m$ .
Remarks: \. Zink	1100 6	J. Jus	
		1	

interespect of the States necessary for 11/15/2

•	
Bredge Hydrog No. 5 2 2 Date,	/. ,19/ 1
Sdg. Mch. Luca-s Reel	Lead ! Ibs.
Turns Cor'n Dept.	h fms.
Sdg. Cup Amt, Bot'm Sample	
Character of Bottom	
Thermon. \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
1.6161	Temp. 3 4/4
Temp. Surf. Time	dir
Time)	
Density: Surf.	fms.
Wind: Direction Force	
Baromet. , 1 3 Amt. of Clouds	State of S
Weather	
Direction and Force Surface. 29 Of Bottom	: 30 pec.
Tide	
·	
~ ~~ ·	
General Locality	
Position	
Chart used: No Ed'n	
Drift: Direction Dis	lance
Depth of Haul	
Apparatus and Rigused John	ŝ.
Time lowing Remarks:	h. $m$ .

Deck Omeer AM 18 att a Recorder 1. 111 11-11-112

SOUNDING WIRE.	7175	DREDGIN	DREDGING CABLE.		
M. Down, UP. M.	FMS.		UP. AM		
7 00 00 11	0	7/05/00	7 170		
1 1001051	100	1/10200	1 1 4 0		
	200				
	300				
	400				
	500				
	600				
	700				
	800	i			
	900				
	1000				
	1100		,		
	1200		1 1		
	1300				
	1400				
	1500	1 .			
	1600 1700				
	1800				
	1900				
	2000				
	2100				
	2200		1		
	2300				
	2100				
1	2500				
	2600				
	2700				
1	2800				
	2900				
	3000				
	3100				
	3300				
	3100				
	3500				
	3600				
	3700				
	3800				
	3900	1			
	4000				
	4100				
	4500	1			
	4300				
	4 100				
	-1500				
	4600				
	4800				

•	28			· .	~-
Hydrog No.	1.130	Date,	21,9.		, 19.
Sag. Meh.		Reel	é SI	hoti '	lhs.
Turns	Cor'n		Depth	· .	fms.
Sag, Cup Character of Bottom		Amt. 1 Sa	Bot'm mple	*****	
Thermom.	ake 1 19 19	1023 00	$r'n \begin{cases} Instr. \\ Stem. \end{cases}$		
Bottom Read	ing (	<i>i</i>	Cor'd Ten	ip. 45.	112
Temp. Surf.	54.3	Time	1.	ir e	C
Density: Sur	·f		/'m:	s.	
Wind: Direc	1	·····	Force		
Baromet. 3	5. 24 01	mt. of ouds	Stat	e of S	
Weather	- Levelin				
Direction and of Gurren	Bottom		.,		-,
Tide	M				
	****		and the second		
General Local	ity				
Position					
Chart used : .	300	Ed'n			
Drift: Direct	(1)	1	Distance		1 TO AN AN 10- 30 MILES
Depth of Hau	1.		Distanc	B	THE RESIDENCE OF SHAPE
Apparatus an	7		· 1 (1)	-elle	
2013 0010	, , ,			2221. I. I.	
	1	Time	owing	//,	-
Remarks:	Almon.	775	, A	77.	771,

Deck Officer

. .

11-1023

	29	<i>A</i> .		
Dredge   No.	30 Date,	IM.		, 19
Sdg. Mch. Latertain	Ree	1 = 2	. Shot i Leads	lbs.
Turns	Cor'n	Dept	h	ſms.
Sdg. Cup Character of Bottom	A1	nt. Bot'm Sampte		
Thermom. $\left\{ \begin{matrix} Make \\ \mathcal{N}o, \end{matrix} \right.$		$Cor'n$ $\begin{cases} Inst \\ Sten \end{cases}$		
Bottom Reading	1	2.19cor	l Temp. 5	3.81
Temp. Surf. \	Time	٠.	.dir	ζ
Density: Surf			. fms	
Wind: Direction	100	Force	,	
Baromet. 30 2	Amt. of Clouds	£'	State of	
Weather .				
of Gurrent.	surface Bottom			- · .
Tide				
General Locality		****	***	
Position				
Chart used: No		ld'n		
Drift: Direction	10 2	Dis	tance	the two der can be give one if any and any a
Depth of Haul	~	,		
Apparatus and Rig use	d	/	1	
	Ti	me towing	h.	· m.
Remarks: .				

11-1023						
SOUNDING WIRE.	******	DREDGING CABLE.			LE.	
M. Down, Up. M.	FMS.	1	M.	Down.	Ur.	- M.
a the	()		1		2,0	
	100				6	7
	200					1
	300					-
	400				i	
	500					
	600					
	700			1		
	800					1
	900					7
	1000					
	1100			1 1		
	1200					
	1300					
	1400			!		
	1500					
	1600					
	1700					
	1800	1	1	1 1		
	1900	1	-	1		
	2000					
1	2100					
	2200					
	2800					1
	2400					
· · · · · · · · · · · · · · · · · · ·	2500 2600				i	
	2700					
	2800					
	2900	1		1 1		
	3000	1	1	1 1		
	3100					
	3200	1				
	3300	1				
	3400	1				
	3500					
	3600				- 1	
	3700	-				1
	3800					1
	3900		1			1
	4000					
	4100		i			
	4200					
	4800					
	4400					
	4500			- 1		
	4600					
	4700	-		-		
	4800					
	4900	1	1	1 1		

121	
	12
Sag. Meh. Sect West Leads this	
Turns Cor'n Depth 14fms	
Sd.g. Cup Amt. Bot'm Sample	
Character of Bottom	
Thermon. Nake 263. Cor'n Instr.	
Bottom Reading Co. Cor'd Temp. Sc. 21	
Temp. Surf. Time 10:06 dir	
Density: Surf. fms.	
Wind: Direction South Porce	
Baromet. 20. 2 2 Ant. of State of Sea	
Weather 100	
Direction and Force Surface 44 Ser to 30 Acc	
Tide	
1	
General Locality	
Position	
Chart used: No Ed'n	
Drift: Direction Distance	
Depth of Haur Duter predicte	
Apparatus and Rigused & Diles . , il	
Lunders.	
Time towing	
Remarks: Echange watt	
· · · · ·	

Deck Officer Time of many Recorder Little 1 1-1003 14.

2.
Hydrogs No. 5-120 Date, C. Zee 1 7 , 19/2
Sdg. Mch. Jugas Reel Shot / Ibs.
Turns Depth 1/4 fms.
Sd & Cup Amt, Bot'm Sample
Character of Boltom
Thermom. {Make
Bottom Reading Today Town Cor'd Temp. 2 301
Temp. Surf.   Time
Density: Surf
Wind: Direction Force /
Baromet. 30, 2 Amt. of State of Sea
Weather . Cop
Direction and Force Surface 29 Leve to 30 200
ride Aleged
<i></i>
dam and the sec
General Locality
Position
Chart used: No Ed'n
Drift: Direction Distance
Depth of Haul Orien
Apparatus and Rigused 4' 2: 2
1 dinardonales
Time towing h. 10 m.
Remarks: Co (111 200 12 2

Deck Officer .

Recorde

AL LICINS

. 7
Hydrog No. 5 1 30 Date, 79
Sag. Mch. Lucas Reelder Bhot Lead 15 1bs.
Turns Depth fms.
Sdg, Cup Amt. Bot'm Sample
Character of Bottom
Thermon. \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
Bottom Reading 54.2 5-4.7 Cor'd Temp. 546.
Temp. Surf. Time 1205 P 4ir
Density: Surf. fms.
Wind: Direction Force /- 2
Baromel. 32. 28 Amt. of State of Sea
Weather -
Direction and Force Surface of Current. Bottom
Tide.
a
General Locality
Position
Chart used: No. Ed'n
Drift: Direction Distance
Depth of Haul Inter.
Apparatus and Rigused 4 Garage 1.
2 Hoford
Time towing h. 10 m.
Remarks: 12 2 16 Ct. 110

Deck Officer Mr. Clancy Recorder 1 & 11-1009.

26
Hydrog No. 130 Date, 1. 191
Sdg. Mch. Reel Sent 10 lbs.
Turns Depth 14 fms.
Sd & Cup Amt. Bot'm Sample
Character of Bollom
Thermon. \\ \( \text{Nak.} \) \( \text{Stem.} \)
Bottom Reading L: 54 Vice Jor'd Temp. 52 12
Temp. Surf. Time Die 7
Density: Surf. fms.
Wind: Direction SW Force 3-4
Baromet. 30.24 Amt. of 6 State of 8
Weather
Direction and Force Surface Town.
Tide clob
General Locality S F Bang
Position
Chart used: No. Ed'n
Drift: Direction Distance
Depth of Haul / nte
Apparatus and his used 4 195 , 2
Remarks: Ich m. vela. h. Om.

Deck Officer Me Clancy Rec

28
Breeder No. 5/30 Date, 7 (10), 19/3
Sag. Meh. Reel Lead 1 1bs.
Turns Cor'n Depth fms.
Sag. Cup Amt. Bot'm Sample
Character of Bottom
(Make M.Z., [Instr.
Thermon. ( No. Z: 10) ? R: 10) ? . Stem.
Bottom Reading Jo: 54° 7: 7 Cord Temp. 53.8a.
Temp. Surf. \ \ \( \( \frac{\cappa_{\cappa\cappa_{\cappa\cappa_{\cappa_{\cappa_{\cappa_{\cappa_{\cappa_{\cappa_{\cappa_{\cappa\cappa_{\cappa_{\cappa_{\cappa\cappa\cappa_{\cappa\cappa_{\cappa\cappa_{\cappa\cap
ST - Time
Density: Surf. fms.
Wind: Direction Force  Buromet. 30.24 Amt. of State of Sea
Weather
1111
Direction and Force Surface 44 7 1000.
Tide 1 to
FIRST common in the common in
0 5 1
General Locality
Position
Chart used: No
Drift: Direction
Depth of Haut Inter
Apparatus and Rig used Y' Tire, Y
Time towing h. / m
Time towing h. / m
Remarks: J. C. L. C.
,
) · · · · · · · · · · · · · · · · · · ·
Deck Officer Post . Recorder 11-1028

11-1023

26
British No. 2 20 Date, 12 2
Sdg. Meh. That Reel J. Bhote Leads ! Ibs.
Turns Cor'n Depth fms.
Sag, Cup Amt. Bot'm Sample
Character of Bottom
Thermom. Make / Corn
Thermon. \\ \text{No. 1919 \land 1023}  \text{Cor'n} \\ \text{Stem.}  \text{Stem.}
Bottom Reading 7. 5 Cor'd Temp. 32, 16
Temp. Surf. Time
"h.o." Time
Densitu: Surf.
Wind: Direction 77 77 Porce
Baromet, 2. Amt. of State of Sea
Weather 600
Direction and Force Surface 47 700
Direction and Force Surface 47 700
Tide Close
while the same of
General Locality
Position
Chart used: No. Ed'n
Drift: Direction Distance
Depth of Haut
Apparatus and kiri used
Time towing h m.
Remarks: Time towing h m.
Ma (1/4
Deck Officer My. Chicy Recorder 11-1023

28 :00	
Hydrog No. 180 Date, 19	1
Silg. Meh. State Real S- Short Leads 11	s
Turns Cor'n Depth / 4/ fm	2.5
Sd.g. Cup Amt. Bot'm Sample	
Character of Boltom	
Thermom. \{\begin{align*} Make & \tau_{r} &	
Bottom Reading 54 Cord Temp. 54/1	
1.57 0° m. 4.05 1. 1511	
Temp, Surf. Time	-
Density: Surf. fms.	
Wind: Direction Force 3-5	
Baromet. 30.22 Ant. of State of Sea	_
Weather is	
Direction and Force Surface 34 res. & 30 fee.	
Tide Q - G	
where the same of	
General Locality /	
/	
Position	
Chart used: No Ed'n	
Drift: Direction Distance	
Depth of Haut Linkens	
Apparatus and Rigused 4 _ 25.12	
V. C.	
Time towing h. 10 m	
Remarks: Economy	,
7 / / / / / / / / / / / / / / / / / / /	

Deck Oplear 11 . Lecorder

11-1023		
SOUNDING WIRE.	*****	DREDGING CABLE.
M. Down. UP. J.M.	FMS.	M. Down, Up, 1 M.
3 4 30 4 04 20	()	3 00/25 0 49/5
(1 40 1 44 60	100	. Ca Ct BA 05
	200	1
	300	
	400	
	500	
	(5()()	
	700	
	800	
	900	
	1000	
	1100 1200	
	1800	
	1400	
	1500	
1 1 1 1 1 1 1 1	1600	, · · · · ·
	1700	
1 1 1 1 1 1	1800	
	1900	
	2000	
	2100	
	2200	
	2300	
	2400	
	2500	
21 1 1 1 1 1	2600	
	2700 2800	
1 1. 12 1.	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800 -	
	3900	
	4000	
	4100	
	4200 4800	
	4400	
	4500	
	4600	
	4700	
	4800	
	4900	

, 7
Hydrog No. 5-130 Date, 1 14 ,191
Sag, Meh. Sussa Reel Lucas Shot 1 ths.
Turns Cor'n Depth I fms.
Sdg, Cup Amt. Bot'm Sample Character of Rottom
Thermom. {Make H G Cor'n Instr. Stem.
Bottom Reading . 5 50 Cord Temp. 54.86
Temp. Surf. 57.8° Time 406 3.9° Air 57.53
Density: Surf. fms.
Wind: Direction 2 32
Baromet. 36.2 2 Amt. of State of Sea
Weather Local
Direction and Force Surface 22 New to 30 Amon
Tide: (1)
General Locality
Position
Chart used: No. Ed'n
Drift: Direction Distance
Depth of Haul
Apparatus and Riviused 4' 1990 1 1 1 1 1 1 1
2 Kofoida.
Remarks:
, =

Deck Officer . . 1

11 28 16 11 - 1025

	28			
Hydrog. No. &	130 D	4	ana II	, 19
Sdg. Mch. Jas	Carles S.	Reel Lice	J Bhot Lead!	14 1bs.
Turns	Cor'n		opth 1.5	fms.
Sdg. Cup		Amt. Bot'm Sample		
Character of Bottom				
Thermom. $\begin{cases} Make \\ No \end{cases}$	2.1069 Q1		em.	
Bottom Reading	L. S F	557 Co	r'd Temp >	6.51
Temp. Surf.	Tin	10 6 05-	} dir	5 °
Density: Surf		******	fms.	
Wind: Direction		Force	,	
Baromet. 3 4.	. Z Amt. cloud	8 5-	State of \	C
Weather				
			er til der lett sitt sitt sitt sitt sitt den lett sen den som gen om gen opp gi	T THE REAL PROPERTY AND ADD AND ADD ADD ADD
Direction and Fo	rce Surface	4 sev to	30 0	S-1
Tide E.				
General Locality		~~~~~		
Position				
Chart used: No.		_ Ed'n		
Drift: Direction	Clina.	- 1	)istance	
Depth of Haul	Que :			
Apparatus and R	is used 4.			1 - 2
1	1.	,		
***********		Time towing	7,	10 m.
Remarks:		and the contraction of the contr	A costated)	nobern Krass Mb 4

Deck Officer (

SOUNDING WIRE.	FMS.	DREDGING CABLE.	
PM. DOWN. UP. PM.	Palo.	J.M. Down.	UP. ( M.
5-13-00 6 05- 00	0	5-5-5-00	6050.
	100		
	200		
	300		
	400		
	500		
	600		1
	700		1
	800		
	900		
	1000		
i	1100		
	1200		
	1300		
	1.100	;	
	1500		
: :	1600		
	1700		
	1800		
	1900		
	2000		
	2100		
	2200		
	2300		1
	2100		
	2500		
	2600		
	2700		
	2800		
	2900 3000		
	3100		
	3200		
	3300		
	3100		
	3500		
	3600		1 .
	3700		
	3800		
	3900		
	-1000		,
	-1100		
	4200		
	4300		
	4400		
	4500		
	4600		
	4700		
	4800		
	4900		

	54		,	
irredgie No. 61	3 A Date,			, 19
Sdg. Meh.	Ree	1	Shot! /	lbs.
Turns	Cor'n	Depth	1.	fms.
Sdg. Cup	An	nt. Bot'm Sample		
Character of Bottom				
Thermom.		Instr.		
(No		Cor'n Stem.		
Bottom Reading	************	Cor'd	Temp,	
Temp. Surf.	Time		Air	no di la fili di perdenina da lan
Density: Surf.			fms	
Wind: Direction			0 /	
Baromet.	Amt. of Clouds		tate of Sea	
Weather				
Direction and Force of Current.	Surface			
of Current.	Bottom			
Tide				
General Locality				
Position				
Chart used: No	<i>E</i>	'd'n		
Drift: Direction		Dista	ınce	
Depth of Haul				
Apparatus and Rig i	ised 1 m	ورايا		
	Ti	me towing	h.	m.
Remarks:	· Ver	, \ ,,	11 -1 -1	2 1 - 6
11	· .	14,		/
***************************************		}		

. 7	
Hydrog. No.	Date, 11 11 11 11 11 11 11 11 11 11 11 11 11
Sag. Mch. Hond	Reel Shott ( lbs.
Turns C	or'n Depth 2 4 fms.
Sag. Cup	Amt. Bot'm Sample
Character of Bottom	
Thermom, {Make	$Cor'n$ $\left\{Instr.\right\}$
(No	Stem.
Bottom Reading	Cor'd Temp.
Temp. Surf.	Time Air
Density: Surf.	fms.
Wind: Direction	Force O - /
Baromet.	Amt. of State of Sea Sea
Weather	
(Su	rface
Direction and Force)	ttom
Tiste	
General Locality	
Position	
Chart used: No.	Ed'n
Drift: Direction	Distance
Depth of Haul	
Apparatus and Rig used	multul.
	Time towing h. m.
Remarker Jazza :	March of the work
1,,	

11—1023				
SOUNDING WIRE.		DREDGING CABLE.		
M. Down, Up M.	FMS.	M. Down, Up.		
	0	8 137 38 9 08 3		
	100	10. 12.102. 10016		
	200			
	300			
	400			
	500			
	600			
	700			
	800			
	900			
	1000			
	1100			
	1200			
	1300			
	1400			
	1500			
	1600			
	1700			
	1800			
	1900			
	2000	1		
	2100	1		
	5500			
4	5300	:		
	2400			
	2500			
	2600			
	2700			
	2800			
	2900			
	3000			
	3100			
	3200			
	8800			
	3100			
	3500			
	3600			
	3700			
	3800			
	3900			

Drubge ( Date, Sdg. Mch. Reel Depth Turns Cor'n Amt. Bot'm Sample Sag. Cup Character of Bottom Make (Instr. Thermom.  $_{No}$ . Stem. Cor'd Temp. Bottom Reading . Time Temp. Surf. Time Density: Surf. fms. Wind: Direction .. Force State of Amt. of Baromet. Weather Surface Direction and Force of Current. Bottom Tide General Locality Position Chart used: No. Ed'n Distance Depth of Haul Apparatus and Rig used . Time towing Remarks:

Recorder

-1023

-Deck-Officer

SOUNDING WIRE.	723461	DREDGIN	G CABLE.
M. Down. Up M.	FMS.	M. Down.	
	0	133100	90
	100		/
	200		
	300		
	400		
	500		
ı	600		
	700	i i	
ı	800		1
:	900		
	1000		
	1100		9
	1200		1
	1300		
	1400		
	1500		
	: 1600		
	1700		
	1800		1 1
	1900		
	2000		
	2100	1 1	
	2200		
	2800 2400		
1 1	2500		
	2600		
'	2700		
	2800		
	2900		
1 1 1	3000		
	3100		
	3200		
	33300		
	8100		
	3500		
	3600		
	3700		
	3800		
	3900		
	4000	4	
	4100		
	4200		1
	4800		
	4400		
	4500		
	4600		
	4700		
	4800		
	4900		

:	,
mrage No. 1 3	To Date, 11 5 1 1 19/
Sd.g. Meh.	- '- ' Reel Shot / Ibs.
Turns	or'n Depth \ fms.
Sdg. Cup Character of Bottom	Amt. Bot'm Sample
Thermom. $\left. \begin{cases} Makr \\ No. \end{cases} \right.$	$Cor'n igg\{ egin{array}{ll} Instr. \ Stem. \end{array} igg\}$
Bottom Reading	Cor'd Temp,
Temp. Surf.	Time $\left\{ \begin{array}{c} .lir \end{array} \right\}$
Density: Surf.	fms.
Wind: Direction	Force D /
Baromet.	Ant. of State of Sea
W'eather	
of Current.	rface ttom
Tide	
General Locality	
Position	
Chart used: No	Ed'n
Drift: Direction	. Distance
Depth of Haul	00 14 1
Apparatus and Rig used	mis julia
	Time towing h, m.
Remarks: () * 9 *	open to the late of the same

Dredge No   Date,	(19) ,19/
Sag. Meh. Than Ste Reel	Shot ( lbs.
Turns Cor'n	Depth 2/ Ims
Sdg. Cup Amt. Bot' Samp	m le
Character of Bottom	
Thermom. $\left\{egin{array}{ll} Make & & & \\ \mathcal{N}o. & & & \\ \end{array} ight.$	{Instr
Bottom Reading	Cor'd Temp.
( Time	1
Temp. Surf.	lir
Density: Surf.	fms.
W7. W-	pree 4
Baromet, 30, 20 Amt. of Clouds 2	State of 70
Weather Je	Sea
Weather	
Direction and Force   Surface   of Current.   Bottom	
Tide = 7.7	
General Locality	
denoral Especially	
Position	
Chart used: No. CS JJJ/ Ed'n	/ 6
Drift: Direction	Distance 1. 85 22
Depth of Haul Gottom	
Apparatus and Rigused Mus has	
Time tow	ing h. 47 m.
Remarks: 1000 acch from	Vile fora ti.
Remarks: 1040 beach from	/ 1

Derkonter ....

Recarder

11-1023

Hydros No.	1.2 Date,			,19 '.
Sdg. Mch.	Reel		Shot\ Leads -	lbs.
Turns	Cor'n	Depth		-4 fms.
Sdg. Cup	Amt	Bot'm Sample		-
Character of Bottom ::	13 22			1000
(Make		(Instr.		
Thermom. \ No	C	or'n Stem.		
Bottom Reading	~~~~~	Cor'd	Temp	
(	Time	)	-	
Temp. Surf.	Time	}	.lir	
Density: Surf			fms	
Wind: Direction	WSW	Force	4	
Baromet. 53. /	Amt. of Clouds		tate of Sea	7.3
7.	Clouds	as orders and	Sea .	· · · · · · · · · · · · · · · · · · ·
Weather Cc.	~	***		No. 402 and also sale and day may also be
Direction and For	rce Surface			
	(Bottom			
TideE66				
General Locality				
Position				
Chart used : No.	Ed'	,,		
Drift: Direction			71100	02 3 202
Depth of Haul	60 ton	Land Disti	unce	- I The Share The American
	2111. 7			
Apparatus and Ri	g used	7		
		e towing	h	
Remarks: _ ~	inte cycl.	- Ked	. !	1 time
Vistor	/		/	

SOUNDING WIRE.	777.50	DREDGIN	G CABLE.
M. Down. Up 3	f. FMS.	M. Down.	UP.
TI	0	101	302
	100	0000	702
	200		
	300		
	400		
	500		
	600		
	700		
	800		
	900		
	1000	1	
	1100		
	1200		
-1	1300		
1/35	1400		
. 5/53	1500		
	1600 1700		
	1800		
	1900		1
	2000		
	2100		:
	2200		
	2300		1
	2400		
	2500		
	2600		
	2700		
	2800		
	5000		
	3000		
	3100		
	3200		
	3300		
	3100 3500		
	3600		
	3700		
	3800		
	3900		
	-1000		
	4100		
	-1200		
	4300		
1	4400		
	4500		
	4600		
	4700		
	4800	1	

Dredge No. Date,	1 10-12	28	, 19 🏠
Sag. Meh. Zalanda & Reel		-Shot \ Leads	Z 11/s.
Turns Cor'n	Depth	C'1	ſms.
Sag. Cup Amt. Be	ot'm nple		
Character of Bollom			
Thermon. $\begin{cases} Make \\ No. \end{cases}$	$n \begin{cases} Instr. \\ Stem. \end{cases}$		* ** ===
Bottom Reading	Cor'd	Temp.	
Temp. Surf. $\left\{ \begin{array}{c} Time \\ Time \end{array} \right.$	}	$.tir \Big \} =$	
Density: Surf.		fms.	-
Wind: Direction	Forer	3	
Baromet Amt. of Clouds	S	tate of Sea	ď
Weather Z.			
Direction and Force			
(Bottom			
Tide			
General Locality			
Position			
Chart used: No. Ed'n			
Drift: Direction	Dist	unce	
Depth of Haul Arthorth			
Apparatus and Rig used	وعيانا	1. m.	coltr.
in the of the species		4-5	- 7
Time t	owing	h.	m.
Remarks:			

Recorder Co. Maries

Dredge No. 7 : Dat	
Sag. Meh. Jan 16 1	rel Short Leads - lbs
Turns Cor'n	Depth ) 12 fms
Sdg, Cup	Amt. Bot'm Sample
Thermom, $\left\{ egin{array}{ll} Make \\ \mathcal{N}o. \end{array}  ight.$	$Cor'n$ $\begin{cases} Instr. \\ Stem. \end{cases}$
Bottom Reading	Cor'd Temp,
Temp. Surf. Time	Air
Density: Surf.	fms.
Wind: Direction	Force 3
Baromet Amt. of Clouds	/ State of Z
Weather 2 16 C.	
Direction and Force   Surface	
Direction and Force Surface	
Tide	
General Locality	,
Position	
Chart used: No.	Ed'n
Drift: Direction	Distance
Depth of Haut Cotton	
Apparatus and Rig used	Labor Some
en in the	- of a chief
anolog boit.	7
	Time towing h. m.
Remarks:	

SOUNDING WIRE.	723511	DREDGING CABLE.			
M. Down. Up M.	FMS.	_ZM. Down.	UP. ZM		
	0				
	100	11800	1=4"		
	200	3230			
	300				
	-100				
	500				
	600				
	700				
1 17946	S00				
200	900				
	1000	1			
5-1-6-2	1100				
134 211	1200				
1 77 7004	1300				
	1400				
	1500				
	1600				
	1700				
	1800				
	1900		1		
	2000				
	2100				
i	2200				
	2800				
	2400				
	2500				
	2600				
	2700				
	2800				
	2900				
	3000				
	3100				
	3200				
	3300				
	3100				
	3500				
	3600				
	37()()				
	3800				
	:3900				
	-1000				
	4100				
	4200				
	4300				
1	4100				
	4500				
	4600				
	4700				
	-1100				
	4800				

Bredge No. Date, 19	/
Sag. Meh. Reel . Reel Lead	hs.
	ns.
Sd.g. Cup Amt. Bot'm Sample	
Character of Bottom	*00.0
Thermon. Make Corn Stem.	
Bottom Reading	
Temp. Surf. Time	
Density: Surffms.	-
Wind: Direction Vonable Force 1-3	
Baromet, Amt. of State of Sea	
Weather	
Direction and Force Surface of Ourrent.	
Tide	
General Locality	
Position	
Chart used: No. Ed'n	
Drift: Direction Of Orthor Distance	
Depth of Haul	
Apparatus and Rigused L' Inter!	
14823 K. J. y.	
17	
Time towing h. h.	772.
Remarks:	

11-1023

Deck Officer\_

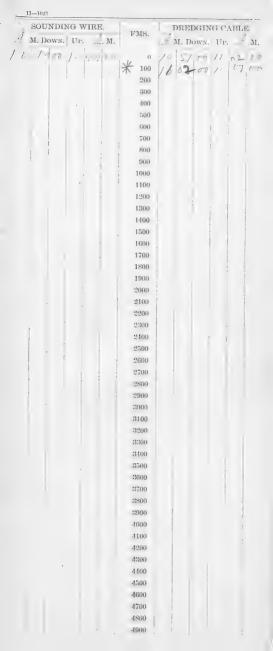
SOUNDING WIRE.	333.60	DREDGING CABLE.
M. Down. UP. M.	FMS.	M. Down, Up,M.
r /	0	
	100	
	200	
	300	,
	400	
	500	
	600	
	700	
	800	,
	900	4 1
:	1000	
	1100	
	1200	
	1300	
	1400	
	1500	
: i j	1600	
	1700	
	1800	
	1900	
	2000 2100	
	2200	
	2300	
	2400	
	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
1	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	1
	3900	
	4000	
	4100	
	4200 4300	
	4300	
	4500	
	4600	
	4700	
	4800	
	4900	

Hydrog No. 0 / 0/ Date	0 8. 1
Sdg. Mch.	rel Shot Lead Lead 1bs.
Turns Cor'n	Depth 2 2 fms.
Sdg, Cup	Amt. Bot'm Sample
Character of Bottom	***
(Make	(Instr.
Thermom.	Cor'n $Stem$ .
Bottom Reading	Cor'd Temp. 624.
	/;
Temp. Surf. Time	\ dir\
Density: Surf.	fms.
Wind: Direction S	Force 1-3
Baromet. 30:12 Amt. of Clouds	State of S.
Weather Jef	
1	
Direction and Force of Current.	
Tide	
General Locality	**************************************
Position	***
Chart used: No.	Ed'n
Drift: Direction.	Distance
Depth of Haul	
Apparatus and Rig used	· ·
	Time towing h. m.
Remarks:	

11—1023			
SOUNDING WIRE.		DREDGIN	G CABLE.
11 -	FMS.		1
		M. Down.	UP. AM.
WE' 10 Million 20	0	100600	10 2000
	<b>*</b> 100	103500	10 41000
	200		
	300		
	400		
	500		
	600	l	
	700		
,	800		
	900		
	1000		
	1100		
	1200		
	1300		
1	1400		
	1500		
	1600		
	1700		
	1800	1 1 1 1	
	1900		1 1
	2000		
	2100		1
	2200		
	2300		
	2400		
	2500	1	1
	2600		
	2700		
	2800		
	2900		
	3000		
	8100		
	3200		
	8300		
	3400		
	8500		
	3600		
	3700	1 1 i	
	3800 -		1
	3900		i
1 1	4000		
	4100	1	
	4200	1	
	4300		
	4400	1 1	
	4500		
	4600		
1. 1. 1	4700		
	4800		
: 1 1 1 1	4900		

Bate, J. Date, J. 22 ,191
Sile Meh. Reel . Shott 14 tbs.
Turns Cor'n Depth / 6 fms.
Sd.g. Cup Amt. Bot'm Sample
Character of Bottom
(Make Vn) (Instr.
Thermom. \\ No.J. (0)90 . Cor'n \\ Stem.
Bottom Reading . 13.3 / Cord Temp.
Temp. Surf. 60, Time ///03 \$ Air
60.23 Time
Density: Surf. fms.
Wind: Direction Force
Baromet. 3 11 Amt. of 2 State of Clouds Sea.
Weather had
Direction and Force Surface of Current.
of Current. Bottom
Tide
General Locality
Position
Chart used: No. Ed'n
Drift: Direction Distance
Depth of Haut Inter
Apparatus and Rigussal
Timethwing h
Remarks:
te and for
U
Deck Officer " Recorder " " ride

11-1023



Breaker No. 13 Date, 19
Salg. Meh. Reel Shot Lead! Ubs.
Turns Cor'n Depth 6 fms.
Sd.g. Cup Amt. Bot'm Sample
Character of Bottom
(Make (Instr.
Thermom. Make Cor'n Stem.
Bottom Reading J. S. Cor'd Temp. Sieve
, 63 mine 1/1:30 A, , 62
Temp. Surf.
Density: Surffms.
Wind: Direction Force
Baromet, Amt. of State of Olouts Sea
Weather
Surface
Direction and Force Surface of Ourrent.
Tide
General Locality
Position
Chart used: No Ed'n
Drift: Direction Distance
Depth of Haul
Apparatus and Ris used & Later: 2 Koy.
Time towing h. 12 2m.
Remarks: X 1 1
Jande " " " - "
Deck Officer Recorder
Deck Officerd
4

11-1023		- 1					
SOUNDING WIRE.	777.50	1	ORE	DGIN	G C	ABLI	2.
A. M. DOWN. UP. A. M.		AM. DOWN. UP. AM.					M.
11 204511 3045	0	11	21	1	11	33	30
11 10/10/10	* 100	11	33	30	11	38	30
	200	1	00	00	11	0 10	00
	300						
	400						
	500						
	600						
	700						
	800						
	900						
	1000						
	1100						
	1200						
	1800						
	1400						
	1500						
	1600						
	1700						
	1800						
	1900						
	2000						
	2100						
	2200						
	2300					. 1	
	2400						
	2500						
	2600						
	2700						
	2800						
	2900						
	3000						
	3100						
	3200						
	3300						
	3400						
	8500						
	3600						
	3700						
	3800						
	8900						
	4000						
	4100						
	4200						
	4300						
	4400						
	4500						
	4600						
	4700						
	4800						
	4900	-					
	4300		- 1	- 1			

Bredge No. 5/34	Date, Jul	7 2 2 , 19/2
Sag. Mch. Leva	IN Rect 2	Shot / Leads 1bs.
Turns Cor'r		Depth / D fms.
Sdg. Cup	Amt. Bot's	m Te
Character of Bottom	Jump	
Thermom. Make WET	9 8/023cor'n	Stem.
1-0	0 1217	6
Bottom Reading		Cor'd Temp. 58.56
Temp. Surf.	Time / 2'5	om,
64.63.	Time	
64.63.		
Density: Surf.		fms,
Wind: Direction	Amt. of Clouds	orce
With Director	Aut of	
Baromet.	Clouds	State of Sea
Weather		
Weather		
$\begin{array}{c} \textit{Direction and Force} \\ \textit{of Current.} \end{array} \begin{cases} \textit{Surfe} \\ \textit{Botto} \end{cases}$	tce	
of Current.	m	
12000	***************************************	
Tide		
General Locality		
General Locality		
Position		
Chart used : No.	Ed'n	
Drift: Direction Ou	1 9	
		Distance
Depth of Haul Inte	1	
	., 11-10	- 1/ 0 0
Apparatus and Rig used	4 Int	2/60000
Din Cy		0
- minda afficient and a constraint		
	ans .	ning - n. 18 m.
7	Time tou	nng h. L. J. m.
Remarks: Var	10 minu	les at anchor
0 112	- unic	way the cable
out at anch	mane 10	with tendowny.
	01	
************************		
h al.		1. 1. 1.
Deck Officer Mon . Ols	May Record	er
	1	ATILY

SOUNDING WIRE. FMS.		DREDGING CABLE.					
M. DOWN. UP. A.M. H. 1 49 45/1 59 15		0	M. Do	own.	UP. PM		
494511 5915	0	17	130	00	12	48	0
	100						
	200						
	300						
	400						
	500						
	600						
	700						
	800						
	900						
	1000						
	1100						
	1200						
	1300						
	1400						
	1500						
	1600						
	1700						
	1800						
	1900						
	2000						
	2100						
	2200						
	2300						
	2400						
	2500						
	2600						
	2700						
	2800						
	2900						
	3000						
	3100						
	3200						
	3300						
	3400						
	3500						
	3600						
	3700						
	3800						
	3900						
	4000						
	4100			1			
	4200						
	4300						
	4400						
	4500						
	4600						
	4700						
	4800						

